Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Monday 03 Jul 2023 until 23:59 on Tuesday 04 Jul 2023

Forecast Issued on Sunday 02 Jul 2023 at 15:52

Confidence: Only moderate confidence in the rain and cloud details for the coming few days. Forecast should be monitored for changes.

Headline for Monday 03 Jul 2023: Occasional showers, heaviest and most persistent early afternoon.

Mountain weather hazards on Monday 03 Jul 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Medium Likelihood	**Heavy persistent rain** Medium Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Light rain showers	Light rain	Heavy Rain	Thundery showers	Heavy rain showers	Sunny intervals
Precipitation probability							
10%	10%	30%	60%	80%	60%	30%	20%

Forecast for Monday 03 Jul 2023

Weather: Largely dry with patchy cloud overnight and some bright spells likely to start. Cloud soon thickening however, with outbreaks of rain moving in from the west by mid-morning. Rain perhaps turning heavy and persistent for a time with the risk of the odd rumble of thunder, but increasingly clearing into the afternoon to leave scattered blustery showers. Showers remaining heavy at times, with the possibility of merging to give longer spells of rain and some potentially thundery downpours, but expected to fade into the evening as winds ease somewhat.

Chance of cloud-free hill tops above 600m: 90% initially, lowering from the west to 60%, but improving once again to 90% into the afternoon.

Low cloud and visibility: Cloud bases above the peaks to start. Cloud soon lowering and thickening, with bases falling to locally 500-600m, especially in the west or around any heavier showers. Visibility starting off good, but likely dropping moderate to poor in rain by the afternoon. Visibility likely improving to good once again into the late afternoon as cloud bases generally lift above all but the higher peaks outside of showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Monday 03 Jul 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	17/25 W	17/24 W	20/27 W	23/31 W	18/26 SW	20/29 W	24/33 W	19/27 W	15/24 SW
300	14/22 W	14/21 W	15/23 W	17/25 W	14/20 SW	15/22 W	17/26 W	12/19 W	11/20 SW
Valley	9/22 W	9/20 W	11/23 W	14/27 W	10/19 SW	10/21 W	14/28 W	8/20 W	7/18 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/4	7/3	7/2	8/3	8/5	10/6	9/5	8/4	8/4
300	11/8	10/7	9/6	11/8	11/8	12/9	12/9	11/8	10/7
Valley	11/9	10/8	10/8	12/9	12/10	13/11	13/10	11/9	10/8
Freezing Level*	1600m	1600m	1600m	1600m	1800m	1700m	1600m	1600m	1600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A day of multiple hazards up on the hills and care should be taken. Feeling cold at height during the morning, particularly as rain sets in. This chilly feel at height persisting into the afternoon though UV levels remain moderate to high in any brightness. Conditions changing quickly into the afternoon as showers pass through, with the risk of strong gusts over exposed tops in association.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sun 02 Jul 2023	0.4mm	16.2mm	19.2mm

Forecast for Tuesday 04 Jul 2023

Weather: Scattered showers persisting on Tuesday, these occasionally heavy with the risk of thunder but tending to become less frequent through the day. West-southwesterly winds easing somewhat compared to Monday.

Maximum wind: West-southwesterly 15-20mph, gusting 25-30mph.

Chance of cloud-free hill tops above 600m: 80%.

Low cloud and visibility: Visibility generally good, dropping to poor in heavier showers. Cloud bases generally above all but the higher peaks outside of showers.

Temperature: **Valleys:** Plus 10 Celsius, rising to Plus 14 Celsius.
At 600m: Plus 7 Celsius, rising to Plus 11 Celsius.
Freezing level: Above summits.

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